

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Achal R. Patel  
U.S. Patent No.: 6,850,764 B1  
Issue Date: February 1, 2005  
Serial No.: 09/466,308  
Filing Date: December 17, 1999  
Title: *Method and System for Allocating Bandwidth in a Wireless Communications Network*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**REQUEST FOR RECONSIDERATION TO  
ISSUE CERTIFICATE OF CORRECTION  
UNDER 37 CFR § 1.322**

On March 2, 2006, Applicant filed a Request for Certificate of Correction in order that missing references cited by Applicant and considered by the Examiner be listed in the record of U.S. Patent No. 6,850,764. The decision denying this request (copy attached) was mailed March 22, 2006. Applicant was advised that correspondence to support entry of these references was not found in the PTO records and that Applicant should submit a signed and dated copy of the PTO 1449 form reflecting the requested references considered by the Examiner.

Therefore, Applicant is attaching (1) a copy of the PTO 1449 form filed May 17, 2001 and initialed by Examiner David Hudspeth; and (2) the Certificate of Correction listing these references.

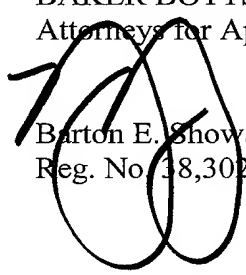
It is respectfully requested that a Certificate of Correction be issued in accordance with the enclosed Form PTO-1050. The error involved is believed to be a Patent Office error, and it is believed that no fee is due in association with this request for a Certificate of Correction. However, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

ATTORNEY'S DOCKET:  
062891.0475

PATENT NO:  
6,850,764 B1

It is respectfully submitted that a significant error is present in the printed patent, that correction thereof in accordance with the enclosed Form PTO-1050 is required in order that no misunderstanding will occur.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicant

  
Barton E. Showalter  
Reg. No. 18,302

Date: May 4, 2006  
2001 Ross Avenue, Suite 600  
Dallas, Texas 75201-2980  
Phone: (214) 953-6509

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Patent No.: 6,850,764 B1  
Dated: February 1, 2005  
Inventor(s): Achal R. Patel

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [56], **References Cited**, U.S. PATENT DOCUMENTS, insert --

5,561,839	10/1996	Osterberg et al.	455/33.1
5,603,085	02/1997	Shedlo	455/33.1
5,987,326	11/1999	Tiedemann, Jr. et al.	455/442
6,021,309	02/2000	Sherman et al.	455/12.1
5,257,283	10/1993	Gilhousen et al.	375/1
5,734,967	03/1998	Kotzin et al.	455/63
5,745,480	04/1998	Behtash et al.	370/252
5,768,260	06/1998	Lindgren et al.	370/252
5,805,585	09/1998	Javitt et al.	370/342
5,862,485	01/1999	Linneweh, Jr. et al.	455/450
5,923,650	07/1999	Chen et al.	370/331
5,995,805	11/1999	Ogasawara et al.	455/13.1
6,070,084	05/2000	Hamabe	455/522
6,157,668	12/2000	Gilhousen et al.	375/130
6,181,738	B1 01/2001	Chheda et al.	375/224
6,226,283	B1 05/2001	Neumiller et al.	370/340

**Mailing Address of Sender:**  
Baker Botts L.L.P.  
2001 Ross Avenue, Suite 600  
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Form PTO-1050

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Item [56], **References Cited**, FOREIGN PATENT DOCUMENTS, insert --

WO	98/52288	11/1998	H04B/1/00, 15/00
EP	1 041 850 A1	10/2000	H04Q/7/38
EP	0 831 669 A2	03/1998	H04Q/7/38
EP	0 841 763 A1	05/1998	H04B/7/26
WO	98/45966	10/1998	H04B/7/24
WO	99/53630	10/1999	H04B/7/005

Title page.

Item [56], **References Cited**, OTHER PUBLICATIONS, insert --

International Search Report in PCT International Application No. PCT/US 99/30155, dated November 5, 2000

"CA \*net II Differentiated Services. Bandwidth Broker System Specification," British Columbia Institute of Technology, Technology Centre, Group for Advanced Information Technology, <http://www.internet2.edu/qos/gbone/QBBAC.shtml>, Online 4 October 1998, XP-002136418, pp. 1-13

*Data Networks*, Bertsekas et al., 1987

"On the Capacity of a Cellular CDMA System," Gilhousen et al., *IEEE* 1991, 10 pages

"Erlang Capacity of a Power Controlled CDMA System," Viterbi et al., *IEEE* 1993, 9 pages

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B. Bakshi, et al., "Improving Performance of TCP over Wireless Networks," IEEE 17th International Conference on Distributed Computing Systems, May 1997, 10 pages

Timothy Ju and Gary Ogasawara, "Congestion Control By Traffic Shaping for Ground/Satellite Network," XP-002140800, Milcom '97 Proceedings, November 2-5, 1997, 5 pages

U.S. Patent Application Serial No. 09/174,273, entitled "Method and Apparatus for Class Based Transmission Control of Data Connections Based on Real-Time External Feedback Estimates Obtained Using Messaging from a Wireless Network," filed October 16, 1998, 35 pages

S. Biaz and N. Vaidya, "Discriminating Congestion Losses from Wireless Losses using Inter-Arrival Times at the Receiver," IEEE Symposium Application-Specific Systems and Software Engineering Technology (ASSET), March 1999, 8 pages

G. Holland and N.H. Vaidya, "Analysis of TCP Performance over Mobile Ad Hoc Networks," Fifth Annual ACM/IEEE International Conference on Mobile Computing and Networking (MOBICOM), August 1999, 13 pages

G. Holland and N.H. Vaidya, "Impact of Routing and Link Layers on TCP Performance in Mobile Ad Hoc Networks," IEEE Wireless Communications and Networking Conference (WCNC), October 1999, 5 pages

U.S. Patent Application Serial No. 09/513,914, entitled "Wireless Router and Method for Processing Traffic in a Wireless Communications Network," filed February 25, 2000, 87 pages

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Patent No.: 6,850,764 B1  
Dated: February 1, 2005  
Inventor(s): Achal R. Patel

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

U.S. Patent Application Serial No. 09/513,913, entitled "Method and System for Managing Transmission Resources in a Wireless Communications Network," filed February 25, 2000, 73 pages

U.S. Patent Application Serial No. 09/513,090, entitled "Method and System for Configuring Wireless Routers and Networks," filed February 25, 2000, 94 pages

U.S. Patent Application Serial No. 09/513,592, entitled "Method and System for Brokering Bandwidth in a Wireless Communications Network," filed February 25, 2000, 50 pages

U.S. Patent Application Serial No. 09/513,912, entitled "Method and System for Queuing Traffic in a Wireless Communications Network," filed February 25, 2000, 94 pages

U.S. Patent Application Serial No. 09/591,077, entitled "Method and System for Dynamic Soft Handoff Resource Allocation in a Wireless Network," filed June 9, 2000, 66 pages

U.S. Patent Application Serial No. 09/908,225, entitled "Method and System of Integrated Rate Control for a Traffic Flow Across Wireline and Wireless Networks," filed July 18, 2001, 32 pages

"TCP and Explicit Congestion Notification," Floyd, Lawrence Berkeley Laboratory, DE-AC03-76SF00098, 16 pages

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**Patent No.** 6,850,764 B1

Form PTO-1050



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

Date Mailed

*March 22, 2004*

Patent No. :6,850,764  
Inventor :Achal R. Patel  
Patent Issued :February 1, 2005  
Docket No. :062891.0475

Re: Request for Certificate of Correction

Consideration has been given your request for the issuance of a certificate of correction for the above identified patent under the provisions of Rule(s) 1.322.

Review of the application file reveals that correspondence to support entry of reference data as noted in applicants' request for correction is not found in the records of the Patent and Trademark office. Accordingly, a signed and dated copy of applicants 1449 or PTO-892 reflecting the requested references considered by the examiner is required for further consideration. If omitted references were submitted by applicant, a copy of the post card receipt obtained from this office should be included.

In view of the foregoing, applicants request is hereby denied. Any telephone inquiries concerning this communication should be directed to Ms. A. Green at (703) 308-9380 ext. 123.

*[Signature]*  
Cecelia Newman  
Decisions & Certificates  
of Correction Branch  
(703) 308-9390 or 703-308-*9380 ext. 123*

Baker, Botts, LLP  
2001 Ross Avenue, Ste 600  
Dallas, TX 75201-2980

CBN/arg

Application No.  
09/466,308Applicant(s)  
Achal R. PatelDocket Number  
062891.0475Group Art Unit  
2739Filing Date  
December 17, 1999Information Disclosure Citation  
in an Application

## U.S. PATENT DOCUMENTS

PATENT & TRADEMARK OFFICE	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DN A	5,293,640	03/08/94	Gunmar et al.	455	33.1	10/25/91
DN B	5,561,839	10/01/96	Österberg et al.	455	33.1	08/22/94
DN C	5,603,085	02/11/97	Shedlo	455	33.1	03/04/96
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## FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
DN M	WO 98/52288	11/19/98	PCT	H04B	1/00, 15/00
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P					
Q					

## NON-PATENT DOCUMENTS

DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
S International Search Report in PCT International Application No. PCT/US 99/ 30155, dated November 5, 2000.	November 5, 2000
T "CA*net II Differentiated Services. Bandwidth Broker System Specification," British Columbia Institute of Technology, Technology Centre, Group for Advanced Information Technology, <a href="http://www.internet2.edu/qos/gbone/QB BAC.shtml">http://www.internet2.edu/qos/gbone/QB BAC.shtml</a> , Online 4 October 1998, XP-002136418, pages 1-13.	Printed April 25, 2000
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



<b>In an Application</b>				Docket Number 062891.0475	Group Art Unit 2682	Filing Date 12/17/99	
<b>U.S. PATENT DOCUMENTS</b>							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DN	A	5,987,326	11/16/99	Tiedemann, Jr. et al.	455	442	02/11/97
DN	B	6,021,309	02/01/00	Sherman et al.	455	12.1	05/22/97
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<b>FOREIGN PATENT DOCUMENTS</b>							
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<b>NON-PATENT DOCUMENTS</b>	
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Information Disclosure Citation  
in an Application

Application No.  
09/466,308

Applicant(s)  
Patel

Docket Number  
062891.0475

Group Art Unit  
2682

Filing Date  
12/17/99

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## U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DN	A	5,257,283	10/26/93	Gilhousen et al.	375	1	08/23/91
DN	B	5,734,967	03/31/98	Kotzin, et al.	455	63	12/20/95
DN	C	5,745,480	04/28/98	Behtash et al.	370	252	07/22/96
DN	D	5,768,260	06/16/98	Lindgren et al.	370	252	02/29/96
DN	E	5,805,585	09/08/98	Javitt et al.	370	342	08/22/96
DN	F	5,862,485	01/19/99	Linneweh, Jr. et al.	455	450	03/26/97
DN	G	5,923,650	07/13/99	Chen et al.	370	331	08/20/97
DN	H	5,995,805	11/30/99	Ogasawara et al.	455	13.1	10/17/97
DN	I	6,070,084	05/30/00	Hamabe	455	522	03/18/97
DN	J	6,157,668	12/05/00	Gilhousen et al.	375	130	09/30/94
DN	K	6,181,738 B1	01/30/01	Chheda et al.	375	224	02/13/98
DN	L	6,226,283 B1	05/01/01	Neumiller et al.	370	340	05/13/99

## FOREIGN PATENT DOCUMENTS

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							YES	NO
DN	M	EP 1 041 850 A1	10/04/00	EPO	H04Q	7/38	X	
DN	N	EP 0 831 669 A2	03/25/98	EPO	H04Q	7/38	X	
DN	O	EP 0 841 763 A1	05/13/98	EPO	H04B	7/26	X	
DN	P	WO 98/45966	10/15/98	PCT	H04B	7/24	X	
DN	Q	WO 99/53630	10/21/99	PCT	H04B	7/005	X	

## NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
DN	S	Data Networks, Bertsekas et al., 1987.	1987
DN	T	"On the Capacity of a Cellular CDMA System," Gilhousen et al., <i>IEEE</i> 1991, 10 pages.	1991
DN	U	"Erlang Capacity of a Power Controlled CDMA System," Viterbi et al., <i>IEEE</i> 1993, 9 pages.	1993

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149

# Information Disclosure Citation in an Application

Application No.  
09/466,308

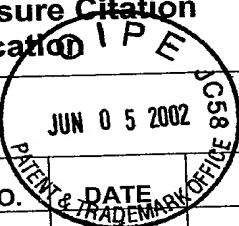
Applicant(s)  
Patel

Docket Number  
062891.0475

Group Art Unit  
2682

Filing Date  
12/17/99

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## U.S. PATENT DOCUMENTS

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DN	S	B. Bakshi, et al., "Improving Performance of TCP over Wireless Networks," IEEE-17th International Conference on Distributed Computing Systems, 10 pages.	May, 1997
DN	T	Timothy Ju and Gary Ogasawara, "Congestion Control By Traffic Shaping for Ground/Satellite Network," XP-002140800, Milcom '97 Proceedings, Nov. 2-5, 1997, 5 pages.	11/2-5/97
DN	U	U.S. Patent Application Serial No. 09/174,273, entitled "Method and Apparatus for Class Based Transmission Control of Data Connections Based on Real-Time External Feedback Estimates Obtained Using Messaging from a Wireless Network," filed October 16, 1998, 35 pages. (062891.0476)	10/18/98

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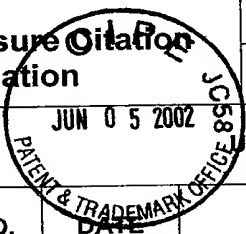
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DN	T	G. Holland and N.H. Vaidya, "Analysis of TCP Performance over Mobile Ad Hoc Networks," Fifth Annual ACM/IEEE International Conference on Mobile Computing and Networking (MOBICOM), 13 pages.	August, 1999
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DN	S	U.S. Patent Application Serial No. 09/513,914, entitled "Wireless Router and Method for Processing Traffic in a Wireless Communications Network," filed February 25, 2000, 87 pages. (062891.0479)	02/25/00
DN	T	U.S. Patent Application Serial No. 09/513,913, entitled "Method and System for Managing Transmission Resources in a Wireless Communications Network" filed February 25, 2000, 73 pages. (062891.0474)	02/25/00
DN	U	U.S. Patent Application Serial No. 09/513,090, entitled "Method and System for Configuring Wireless Routers and Networks," filed February 25, 2000, 94 pages. (062891.0481)	02/25/00

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